1. (Canceled)

2. (Presently Amended) A method for controlling a brake motor, the method comprising:

receiving brake motor information;

determining a first brake motor voltage value and a brake motor current value based on the motor information when the brake motor is active;

determining a brake motor resistance value based on the first brake motor voltage value and the brake motor current value;

determining a brake motor temperature value based on the determined brake motor resistance value;

producing a brake motor control signal based on the determined brake motor temperature value~~The method of claim 1, further comprising:~~;

determining a second brake motor voltage value when the brake motor is inactive; and

producing a motor diagnostic voltage value based on the determined second brake motor voltage value.

3. (Canceled)

[THIS SPACE IS INTENTIONALLY BLANK]

4. (Presently Amended) A method for controlling a brake motor, the method comprising:

receiving brake motor information;

determining a first brake motor voltage value and a brake motor current value based on the motor information when the brake motor is active;

determining a brake motor resistance value based on the first brake motor voltage value and the brake motor current value;

determining a brake motor temperature value based on the determined brake motor resistance value; and

producing a brake motor control signal based on the determined brake motor temperature value~~The method of claim 1,~~;

wherein determining the first brake motor voltage value comprises:

determining a first and a second active phase brake motor voltage values of the brake motor; and

determining an absolute value of the difference of the first and the second active phase brake motor voltage values.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Presently Amended) A computer readable medium storing a computer program comprising:

computer readable code for determining a first brake motor voltage value and a brake motor current value based on motor information when a brake motor is active;

computer readable code for determining a brake motor resistance value based on the first brake motor voltage value and the brake motor current value;

computer readable code for determining a brake motor temperature value based on the determined brake motor resistance value;

computer readable code for producing a brake motor control signal based on the determined brake motor temperature value~~The computer readable medium of claim 9, further comprising:~~;

computer readable code for determining a second brake motor voltage value when the brake motor is inactive; and

computer readable code for producing a motor diagnostic voltage value based on the determined second brake motor voltage value.

11. (Canceled)

[THIS SPACE IS INTENTIONALLY BLANK]

12. (Presently Amended) A computer readable medium storing a computer program comprising:

computer readable code for determining a first brake motor voltage value and a brake motor current value based on motor information when a brake motor is active;

computer readable code for determining a brake motor resistance value based on the first brake motor voltage value and the brake motor current value;

computer readable code for determining a brake motor temperature value based on the determined brake motor resistance value; and

computer readable code for producing a brake motor control signal based on the determined brake motor temperature value~~The computer readable medium of claim 9,~~;

wherein the computer readable code for determining the first brake motor voltage value comprises:

computer readable code for determining a first and a second active phase brake motor voltage values of brake motor; and

computer readable code for determining an absolute value of the difference of the first and the second active phase brake motor voltage values.

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)